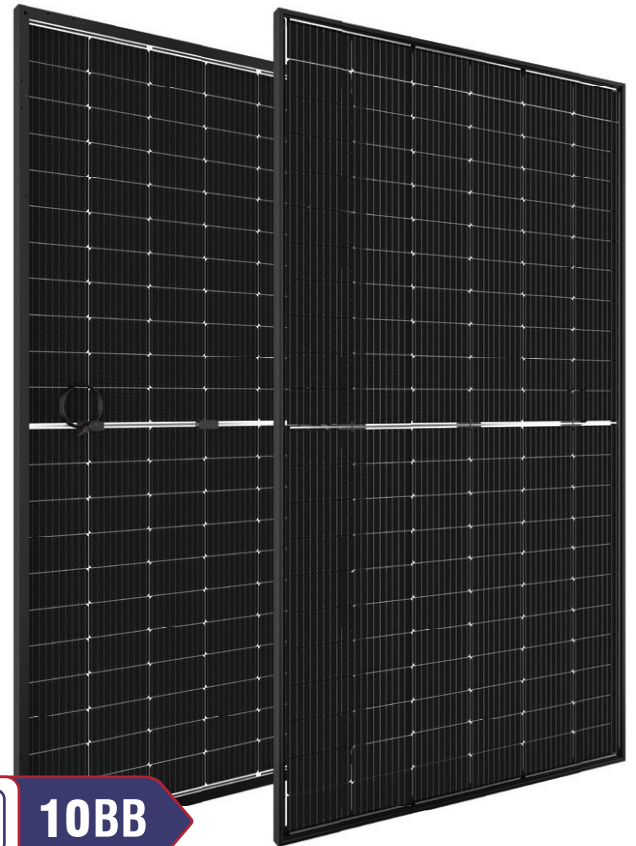


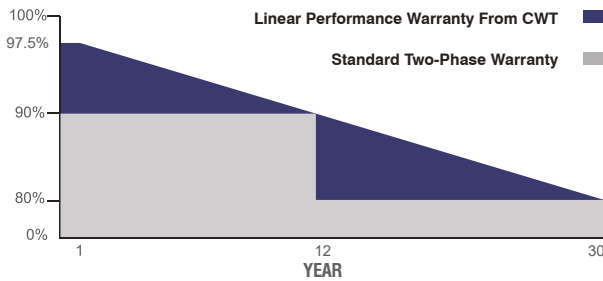
Half Cut BIFACIAL PERC MONOCRYSTALLINE • 132PMB10



-  **High Conversion Efficiency**
High panel efficiency to guarantee high power output
-  **Self-Cleaning And Anti-Reflection Glass**
Coating glass for self-cleaning reduces surface dust
-  **Outstanding Low Irradiation Glass**
Outstanding panel performance even in weak light conditions
-  **Excellent Durability**
Wind load up to 2400 Pa, Snow load up to 5400 Pa
-  **0~+5W Positive Power Tolerance**
-  **Easy Installation**



BIFACIAL 10BB



- CWT515-132PMB10 515 Wp
- CWT510-132PMB10 510 Wp
- CWT505-132PMB10 505 Wp
- CWT500-132PMB10 500 Wp
- CWT495-132PMB10 495 Wp
- CWT490-132PMB10 490 Wp
- CWT485-132PMB10 485 Wp

 30 Years Performance Warranty  12 Years Product Warranty



ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

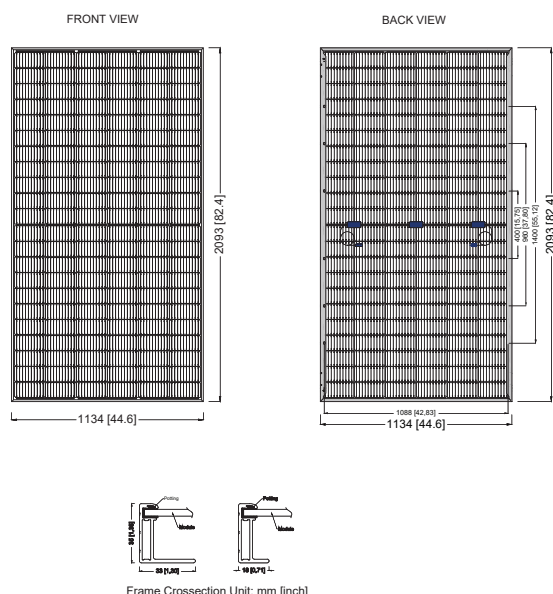
ELECTRICAL CHARACTERISTICS

| Model Type | CWT485 132PMB10 | CWT490 132PMB10 | CWT495 132PMB10 | CWT500 132PMB10 | CWT505 132PMB10 | CWT510 132PMB10 | CWT515 132PMB10 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Peak Power (P _{max}) | 485 Wp | 490 Wp | 495 Wp | 500 Wp | 505 Wp | 510 Wp | 515 Wp |
| Module Efficiency (%) | 20.43 | 20.64 | 20.86 | 21.07 | 21.28 | 21.49 | 21.70 |
| Maximum Power Voltage (V _{mp}) | 37.90 | 38.05 | 38.14 | 38.23 | 38.32 | 38.41 | 38.50 |
| Maximum Power Current (I _{mp}) | 12.80 | 12.88 | 12.98 | 13.08 | 13.18 | 13.28 | 13.38 |
| Open Circuit Voltage (V _{oc}) | 45.02 | 45.13 | 45.28 | 45.39 | 45.53 | 45.66 | 45.79 |
| Short Circuit Current (I _{sc}) | 13.70 | 13.81 | 13.92 | 14.04 | 14.15 | 14.27 | 14.38 |
| Power Tolerance | 0~+5W | | | | | | |
| Maximum System Voltage | 1500V DC | | | | | | |
| Operating Temperature | -40 ~ +85°C | | | | | | |
| Protection Class | Class II | | | | | | |
| Maximum Series Fuse Rating | 25A | | | | | | |

MECHANICAL SPECIFICATIONS

| | |
|---|---------------------------------|
| Cell Dimensions(mm/inch) | 182x91 / 7.16x3.58 |
| Cells per Module(pcs) | 132 (22x6) |
| Weight(kg/lbs) | 25.5 / 56.22 |
| Panel Dimensions(mm/inch) | 2093x1134x35 / 82.40x44.65x1.38 |
| Max. Wind/Snow Load(Pa)/(lb/ft ²) | (2400 / 5400) / (50 / 212) |
| Junction Box | IP68 |
| Junction Box Cable Length(mm/inch) | 350-1600 / 13.78-63.00 |
| Frame Color | Silver / Black |
| Rear Side Material | Transparent Backsheet |

PHYSICAL CHARACTERISTICS



* The specifications are obtained under the standard test conditions: 1000W/m² solar irradiance, 1.5 Air Mass and cell temperature of 25°C. Measurement uncertainty for all panels is 3%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The technical specifications in this document may vary. For more information, refer to the "Installation Manual".

* For roof, facades and installations on similar surfaces, solar panels should be mounted over a fire-resistant covering suitable for this application, with adequate ventilation between the back of the solar panels and the mounting surface. Improper installations are hazardous and may spark a fire. Solar panels must not be mounted on structures and roofs which are made of not fire-resistant materials such as plastic layer, transparent plastic, PVC or similar materials without any fire-protection layer. Usage and installation not in accordance with the guidelines as outlined in the installation manual will terminate the warranty. Please refer to the installation manual and the warranty documents for further details.

* CW Enerji reserves the right to change the specification of products without prior notice.

REAR SIDE POWER GAIN

(500W Front Power Referenced)

| Rear Side Power Gain | 10% | 20% | 30% |
|--------------------------------|-------|-------|-------|
| Peak Power (P _{max}) | 550.0 | 600.0 | 650.0 |

TEMPERATURE CHARACTERISTICS

| | |
|-------------------------------------|------------|
| Temp. Coeff. of (I _{sc}) | 0.040%/°C |
| Temp. Coeff. of (V _{oc}) | -0.270%/°C |
| Temp. Coeff. of (P _{max}) | -0.350%/°C |

PACKING CONFIGURATION

| | |
|----------------------|--------|
| Container | 40' HQ |
| Pieces per Pallet | 31 |
| Pieces Per Container | 682 |
| Pallet Per Container | 22 |

ELECTRICAL CHARACTERISTICS

